REMARKS

The Office Action mailed August 10, 2006 considered claims 1-41. Claims 1-41 are rejected under 35 U.S.C. 102(a) as being anticipated by Korenshtein (US 6,523,134 B2) hereinafter *Korenshtein*.[1] By this paper, claims 1, 9, 18, 26, and 35 have been amended.[2] Claims 1, 9, 18, 26, and 35 are the independent claims at issue.

The present invention is generally directed to undoing user-interface changes. Claim 1, for example, recites a method for automatically generating and tracking undo information for changes made to a user interface object. The method of claim 1 defines receiving one or more change notifications generated in response to one or more changes to the user interface object within the visual user interface designer. Next, claim 1 defines calling the serialization engine to serialize at least a portion of the user interface object into a serialized format that is suitable for representing the one or more changes. Next, claim 1 defines using a transaction to fabricate an undo unit from the serialized format of the one or more changes to the user interface object. The transaction spans the one or more changes and the one or more change notifications. Finally, claim 1 defines adding the undo unit to an undo stack such that the undo unit can subsequently be accessed to perform at least one of undoing and redoing any of the one or more changes.

Claim 9 is a computer program product corresponding to claim 1. Claim 18 is a method claim similar to claim 1 implemented at an undo engine. Claim 26 is a computer program product claim corresponding to claim 18. Claim 35 is a computer program product claim directed to an undo engine.

Each of the independent claims was rejected using *Korenshtein* as the primary reference. *Korenshtein* describes a selective undo mechanism that allows a user to select any single specific action that was previously recorded by a user and undo only that selected action. (Abstract). *Korenshtein* describes adding changeable attributes to objects. (Col. 3, ll. 18-38). Actions performed in an object-oriented system can be recorded to a log. (Col. 6, ll. 32-37). Actions can be retrieved from the log to be selectively undone. (Col. 7, l. 45 – Col. 8, l. 54).

---

[1] Although the prior art status of the cited art is not being challenged at this time, Applicant reserves the right to challenge the prior art status of the cited art at any appropriate time, should it arise. Accordingly, any arguments and amendments made herein should not be construed as acquiescing to any prior art status of the cited art.
[2] Support for the amendments to the claims are found throughout the specification and Figures, including, paragraphs [0009] and [0019] – [0023].
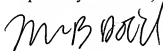
The cited disclosure of *Korenshtein* does not, however, describe, either expressly or inherently, using a transaction to fabricate an undo unit from the serialized format of the one or more changes to the user interface object, the transaction spanning the one or more changes and one or more change notifications, as recited in claim 1. In view of the forgoing, and for at least this reason, applicants submit that claim 1 patentably defines over the prior art of record. For at least the same reason applicants submit that claims 9, 18, 26, and 35 also patentably define over the prior art of record.

In view of the foregoing, Applicants respectfully submit that the other rejections to the claims are now moot and do not, therefore, need to be addressed individually at this time. It will be appreciated, however, that this should not be construed as Applicants acquiescing to any of the purported teachings or assertions made in the last action regarding the cited art or the pending application, including any official notice. Instead, Applicants reserve the right to challenge any of the purported teachings or assertions made in the last action at any appropriate time in the future, should the need arise. Furthermore, to the extent that the Examiner has relied on any Official Notice, explicitly or implicitly, Applicants specifically request that the Examiner provide references supporting the teachings officially noticed, as well as the required motivation or suggestion to combine the relied upon notice with the other art of record.

In the event that the Examiner finds remaining impediment to a prompt allowance of this application that may be clarified through a telephone interview, the Examiner is requested to contact the undersigned attorney.

Dated this 9th day of November, 2006.

Respectfully submitted,

RICK D. NYDEGGER
Registration No. 28,651
MICHAEL B. DODD
Registration No. 46,437
Attorneys for Applicant
Customer No. 47973